

IN THE CLAIMS:

Please enter the following claims as amended:

1. (currently amended) A cooled turbine structure comprising hollow shroud segments, at least one seal allowing air leakage, and pipe members adjacent stages of guide vanes and turbine blades[[.]] wherein said turbine blades are surrounded in spaced relationship by said hollow shroud segment segments[[.]] that are connected via respective upstream ends to said guide vanes, ~~leaked air from a central spaced volume in a gas turbine engine when operatively associated therewith~~ said seal allowing air leakage through said seal to a central space volume wherein said air leakage is provided to cool said shroud segments, the passage of said leaked air leakage from said central space volume to said hollow shroud segment interiors being enabled by said pipe members which extend through said guide vanes which connect said space volume and said hollow shroud segment interiors in flow series and wherein said shroud segments include leaked air leakage exit aperture apertures in their respective downstream edges.
2. (currently amended) A cooled turbine structure as claimed in claim 1 wherein each hollow shroud segment interior includes a dividing wall so as to provide radially inner and outer compartments with respect to the axis of rotation of [[a]] the gas turbine engine when associated therewith.
3. (original) A cooled turbine structure as claimed in claim 2 wherein said dividing wall has multiple perforations therein so as to enable leaked air leakage to flow from one compartment to the other compartment.
4. (currently amended) A cooled turbine structure as claimed in claim 3 wherein the direction of flow from one compartment to the other compartment is radially inward with respect to the axis of rotation of [[a]] the gas turbine engine when associated therewith.
5. (currently amended) A cooled turbine structure as claimed in claim 4 wherein said leaked air leakage exit apertures connect said radially inward compartment with the gas annulus of [[a]] the gas turbine engine when associated therewith.

6. (original) A cooled turbine structure as claimed in claim 2 wherein each said dividing wall is spaced from its associated inner wall by pillars.

7. (currently amended) A cooled turbine structure comprising hollow shroud segments, pipe members adjacent stages of guide vanes and turbine blades wherein said turbine blades are surrounded in spaced relationship by said hollow shroud segments that are connected via respective upstream ends to said guide vanes, leaked air from a central spaced volume in a gas turbine engine, the passage of said leaked air from said central space volume to said hollow shroud segment interiors being enabled by said pipe members which extend through said guide vanes which connect said space volume and said hollow shroud segment interiors in flow series and wherein said shroud segments include leaked air exit apertures in their respective downstream edges ~~A cooled turbine structure as claimed in claim 4 wherein the leaked air inlet end of each shroud segment is shaped so as to engage said pipe members by point contact only.~~

8. (original) A cooled turbine structure as claimed in claim 7 wherein the shroud segments are pivotal such that on extension of their respective guide vanes if exposed to excessive heat, said extension pivots said shroud segments away from the tips of their adjacent turbine blades.

9. (original) A gas turbine engine including a cooled turbine structure as claimed in claim 1.